EQUIPMENT TEST LIST

CONTROLLERS AND CONTROL UNITS

CONTENTS PAGE

1. GENERAL 1

2.1 6B 2

2.2 36A 2

2.3 KS-5016, KS-5117, KS-5374 & KS-5519 VOLTAGE CONTR 2

2.4 KS-5755 L1,L2, KS-15868 L1 & KS-15983 L1,L2 2

2.5 KS-5647 L1-L4 & KS-15821 L1 . . . 3

2.6 KS-6835 (BROWN) 3

2.7 KS-7664 4

2.8 KS-7781 5

1. GENERAL

1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.

1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.

1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

1.05 Section 010-300-011 provides Equipment Test List instructions.

NOTICE
Not for use or disclosure outside the
Bell System except under written agreement

Printed in U.S.A.

2.0 CONTR&CONT UNIT

2.1 CONTR&CONT UNIT; 6B

FOR ALL UNITS

024-320-701 (1/0)	2.01	LUBRICATE CSHAF FRONT & REAR BEARINGS, MOTOR BEARING, OILITE BUSHING AND WORM GEAR	MW	12M	_____

2.2 CONTR&CONT UNIT; 36A

FOR ALL UNITS

024-321-701 (2/0)	2.01	CLEAN CONTACTS (OR AS REQD)	MW	12M	_____
	2.02	CHECK PLUNGER MOVEMENT	MW	12M	_____

TROUBLE TESTS

024-321-701 (2/0)	2.03	CONTACT ALNMT	TT		_____
	2.04	CONTACT SEPN	TT		_____
	2.05	CONTACT FOLLOW	TT		_____
	2.06	CONTACT PRESSURE	TT		_____
	2.07	SEPN BETWEEN SPRINGS	TT		_____

2.3 CONTR&CONT UNIT; KS-5016, KS-5117, KS-5374 & KS-5519 VOLTAGE CONTR

FOR ALL UNITS

024-350-701 (4/0)	2.01	(A) INSPECT & LUBRICATE WICK OILERS	MW	12M	_____
	2.01	(B) CLEAN & LUBRICATE WICK OILERS & CAM DRIVE MOTOR BEARINGS	MW	36M	_____
	2.01	(C) LUBRICATE CAM DRIVE GEAR CASE	MW	36M	_____
	2.03	CHECK FREEDOM OF CONTACT ARM	MW	12M	_____
	2.04	CHECK PLUNGER MOVEMENT	MW	12M	_____
	2.08	CHECK SPRINGS & ROTATING CAM OR DISC CONTACT SURFACES	MW	12M	_____
	2.11	CHECK FREEDOM OF MOTOR ARMATURE & ASSOCIATED GEARS	MW	12M	_____
	2.13	CHECK COMMUTATOR OR COLLECTOR RING SURFACES	MW	12M	_____
	2.14	CHECK BRUSHHOLDER CLRNC	MW	12M	_____
	2.15	CHECK BRUSH LENGTH	MW	12M	_____
	2.16	CHECK BRUSH PRESSURE	MW	12M	_____
	2.17	CHECK BRUSH FIT	MW	12M	_____

TROUBLE TESTS

024-350-701 (4/0)	2.02	VOLTAGE RELAY & CONTACT ARM ALNMT	TT		_____
	2.05	CONTACT ARM RETRACTILE SPRING	TT		_____
	2.06	STRAIGHTNESS OF CONTACT SPRINGS	TT		_____
	2.07	CLRNC BETWEEN SPRING CONTACTS	TT		_____
	2.10	CURRENT IN CONTROL COIL CKT	TT		_____
	2.12	SPEED OF ROTATING CONTACT CAM	TT		_____
	2.18	REGULATION	TT		_____
	2.19	TEMPERATURE	TT		_____

2.4 CONTR&CONT UNIT; KS-5755 L1,L2, KS-15868 L1 & KS-15983 L1,L2

FOR ALL UNITS

024-346-701 (5/0)	2.01	CHECK MOUNTING	MW M	_____
	2.02	CLEAN & INSPECT CONTACTS	MW 12M	_____
	2.03	CHECK CONTACT PRESSURE	MW 12M	_____
	2.04	CHECK RELAY CONTACT FOLLOW	MW 12M	_____
	2.05	CHECK CONTACT GAP & OPERATED MAGNETIC GAP	MW 12M	_____
	2.06	(B1) CHECK AC,KA,KL&LC RELAYS OPRG VOLTAGES	MW 12M	_____
	2.06	(B2) CHECK SR RELAY OPRG & RLS CURRENT	MW 12M	_____
	2.06	(B3) CHECK OL RELAY RLS CURRENT	MW 12M	_____
	2.06	(B4) CHECK OL RELAY RLS TIME INTERVAL	MW 12M	_____
	2.06	(B5) CHECK KOL RELAY RLS TIME INTERVAL	MW 12M	_____
	2.06	(B6) CHECK KF RELAY OPRG CURRENT	MW 12M	_____
	2.06	(B7) CHECK TIME DELAY RELAY INTERVAL BTW KA&KL OPRG	MW M	_____
	2.06	(B8) CHECK KL RELAY RESET TIME INTERVAL	MW M	_____
TROUBLE TESTS				
024-346-701 (5/0)	2.07	TEMPERATURE	TT	_____
2.5 CONTR&CONT UNIT; KS-5647 L1-L4 & KS-15821 L1				
FOR ALL UNITS				
024-345-701 (3/1)	2.01	CHECK MOUNTING	MW M	_____
	2.02	CLEAN & INSPECT CONTACTS	MW 12M	_____
	2.03	CHECK CONTACT PRESSURE	MW 12M	_____
	2.04	CHECK CONTACT FOLLOW	MW 12M	_____
	2.05	CHECK CONTACT GAP & OPERATED MAGNETIC GAP	MW 12M	_____
	2.06	(B1) CHECK AC & LC RELAYS OPRG VOLTAGES	MW 12M	_____
	2.06	(B2) CHECK SR RELAY RLS CURRENT	MW 12M	_____
	2.06	(B3) CHECK OL RELAY RLS CURRENT & TIME INTERVAL	MW 12M	_____
TROUBLE TESTS				
024-345-701 (3/1)	2.07	TEMPERATURE	TT	_____
2.6 CONTR&CONT UNIT; KS-6835 (BROWN)				
FOR ALL UNITS				
◊ 024-332-701 (2/0)	2.01	(D) CLEAN LIFT ROD AND LIFT ROD GUIDES	MW 3M	_____
◊	2.02	LUBRICATE DEPRESSOR BAR PIVOT BEARINGS	MW 3M	_____
◊	2.13	CHECK COVER	MW 12M	_____
OPTIONAL FEATURES				
DIRECT CAM TYPE TRIGGER CONTACT				
◊ 024-332-701 (2/0)	2.01	(B) CLEAN CONTACTS & CONTACT SPRINGS	MW 3M	_____
HAMMER TYPE TRIGGER CONTACT				
◊ 024-332-701 (2/0)	2.01	(C) CLEAN TRIGGER HAMMER, SUPPORTS OUTER EDGE & BAKELITE BLK	MW 3M	_____
TROUBLE TESTS				
024-332-701 (2/0)	2.01	CLEAN CONTACTS	TT	_____

024-332-701 (2/0)	2.04	GALVANOMETER	TT	_____
	2.05	CONTACT TABLES	TT	_____
	2.06	DEPRESSOR BAR	TT	_____
	2.07	LIFT ROD	TT	_____
	2.08	CAMS	TT	_____
	2.10	MOTOR	TT	_____
	2.11	ELECTROMAGNET	TT	_____
	2.12	TIMING	TT	_____
DIRECT CAM TYPE TRIGGER CONTACT				
024-332-701 (2/0)	2.09	(A) TRIGGER CONTACT	TT	_____
HAMMER TYPE TRIGGER CONTACT				
024-332-701 (2/0)	2.09	(B) TRIGGER CONTACT	TT	_____
2.7 CONTR & CONT UNIT; KS-7664				
FOR ALL UNITS				
◆ 024-330-701 (3/1)	2.01	(A1, A2 & A10) CLEAN CLUTCH DISC, CORKS & ARM SHOES	MW 6M	_____
◆	2.01	(A11) CLEAN & INSPECT RELAY CONTACTS	MW 6M	_____
◆	2.01	(A3 - A6) CLEAN GALVANOMETER PTR, STATIONARY CLAMP, CLAMPING WIRES & SETTING LEVERS	MW 12M	_____
◆	2.01	(A9) CLEAN WORM GEAR	MW 12M	_____
◆	2.01	(B1 - B3) CLEAN OPRG CAM, SLIDE WIRE & BALG MECHANISM	MW 6M	_____
◆	2.02	(A1 & A2) LUBRICATE OPRG CAM SHAFT & SLIDE WIRE SHAFT BEARINGS	MW 2M	_____
◆	2.02	(A3 & A4) LUBRICATE SHAFT BEARINGS	MW 6M	_____
◆	2.02	(A5 & A6) LUBRICATE SOCKET & PIVOT BEARINGS	MW 2M	_____
◆	2.02	(A7, A8 & A10) LUBRICATE REDUCTION GEARS, DIAL DRIVE GEARS & FIBRE CONTACT BUTTONS	MW 6M	_____
◆	2.02	(A9 & A11) LUBRICATE CLUTCH ARM SHOES & OPRG CAM SHAFT	MW 2M	_____
◆	2.04	(C) CHECK ROCKER ARM FREEDOM OF MOVEMENT	MW 2M	_____
◆	2.16	CHECK LIMIT ALARM	MW 6M	_____
TROUBLE TESTS				
024-330-701 (3/1)	2.01	(A7 & A8) CLEAN & INSPECT SHAFT BEARINGS	TT	_____
	2.04	(A&B) ROCKER ARM CLAMPING WIRES ALNMT & PRESSURE	TT	_____
	2.05	SETTING LEVERS BALANCE, CLRNC & PRESSURE	TT	_____
	2.06	GALVANOMETER	TT	_____
	2.07	GALVANOMETER POINTER	TT	_____
	2.08	CAM-SHAFT TIGHTNESS	TT	_____
	2.09	SWEEP CAMS	TT	_____
	2.10	SLIDE WIRE CONTACT SPGS PRESSURE	TT	_____
	2.11	REDUCTION GEARS	TT	_____
	2.12	GALVANOMETER SENSITIVITY	TT	_____

024-330-701 (3/1)	2.13	BRIDGE BALANCE	TT	_____
	2.14	SLIDE WIRE RESISTANCE	TT	_____
	2.15	CLUTCH ARM BLOCK	TT	_____
	2.17	MOTOR BEARINGS	TT	_____
	2.18	BACKLASH	TT	_____

2.8 CONTRS & CONT UNIT; KS-7781

FOR ALL UNITS

024-331-701 (3/2)	2.01	(A1, A2 & A9) CLEAN CLUTCH DISC, CORK SHOES & ARM SHOES	MW 6M	_____
	2.01	(A10) CLEAN & INSPECT RELAY CONTACTS	MW 6M	_____
	2.01	(A3 - A6) CLEAN GALVANOMETER PTR, STATIONARY CLAMP, CLAMPING WIRES & SETTING LEVERS	MW 12M	_____
	2.01	(A8) CLEAN WORM GEAR	MW 12M	_____
	2.01	(B) CLEAN OPRG CAM, SLIDE WIRE & BALG MECHANISM	MW 6M	_____
	2.02	(A1) LUBRICATE SHAFT BEARINGS	MW 6M	_____
	2.02	(A2) LUBRICATE GEARS	MW 6M	_____
	2.02	(A3) LUBRICATE CLUTCH ARM SHOES	MW 2M	_____
	2.02	(A4 & A5) LUBRICATE SOCKET & PIVOT BEARINGS	MW 2M	_____
	2.02	(A6) LUBRICATE FIBRE BUTTONS	MW 6M	_____
	2.02	(A7) LUBRICATE OPRG CAM	MW 2M	_____
	2.04	(C) CHECK ROCKER ARM FREEDOM OF MOVEMENT	MW 2M	_____

TROUBLE TESTS

024-331-701 (3/2)	2.01	(A7) CLEAN & INSPECT SHAFT BEARINGS	TT	_____
	2.04	(A & B) ROCKER ARM CLAMPING WIRES ALNMT & PRESSURE	TT	_____
	2.05	SETTING LEVERS BALANCE, CLRNC & PRESSURE	TT	_____
	2.06	GALVANOMETER	TT	_____
	2.07	STATIONARY CLAMP & GALVANOMETER POINTER ALNMT	TT	_____
	2.08	CLUTCH	TT	_____
	2.09	CAM-SHAFT TIGHTNESS	TT	_____
	2.10	SWEEP CAMS	TT	_____
	2.11	LOCKUP CAM CONTACTS	TT	_____
	2.12	CAM LU OPRG	TT	_____
	2.13	RETREATING AND ALARM CAM CONTACTS	TT	_____
	2.14	(2.14 - 2.15) RETREATING CAM L1	TT	_____
	2.16	OUT OF STEP CAM ALM	TT	_____
	2.17	CTRG CAM CONTACTS	TT	_____
	2.18	CTRG CAMS	TT	_____
	2.19	LIMIT CAM CONTACTS	TT	_____
	2.20	LIMIT CAMS	TT	_____
	2.21	MERCURY SWITCH	TT	_____
	2.22	SLIDE WIRE CONTACT ARM	TT	_____

024-331-701 (3/2)	2.23	MOTOR BEARINGS	TT	_____
	2.24	TRMTR MOTOR TRS MOT BRUSH LENGTH & PRESSURE	TT	_____
	2.25	REDUCTION GEARS	TT	_____
	2.26	GALVANOMETER SHUNT ADJMT	TT	_____
	2.27	BRIDGE BALANCE	TT	_____
	2.28	CONTROLLER LAG	TT	_____
	2.29	CONTROLLER STEP	TT	_____
	3.30	SLIDE WIRE RESISTANCE	TT	_____
	3.31	CLUTCH ARM TRAVEL	TT	_____
	3.32	TRMTR MOTOR TRS MOT ALTMT	TT	_____